



## **Robert Maass**

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### **Background**

- 2015- Present: Assistant Professor at the Department of Materials Science, and Engineering, *University of Illinois at Urbana-Champaign*
- 2013-201: Junior research group leader, Institute for Materials Physics, *University of Göttingen*
- 2012-2013: Practice Specialist/Management Consultant for metals and mining, *McKinsey and Company*
- 2011-2012: Postdoctoral scholar, *California Institute of Technology*
- 2009-2011: Postdoctoral researcher, *Swiss Federal Institute of Technology (ETH)*
- 2005-2009: PhD in Materials Science at the *Swiss Light Source (SLS)*, *Ecole Polytechnique Fédérale de Lausanne (EPFL)*

### **Honors**

- February 2019: Masing Memorial Medal, German Materials Society
- March 2017: NSF CAREER Award
- January 2017: SMD Young Leaders Award, *The Minerals, Metals, and Materials Society*
- November 2014: Emmy Noether award, *German Research Foundation (DFG)*
- September 2010: Feodor von Lynen fellowship, *Alexander von Humboldt Foundation*
- December 2009: Young Investigator award, German Materials Society
- February 2007: Formal distinction by the *Paul Scherrer Institut* for „excellent achievements” at the *MicroXAS* beam line of the *Swiss Light Source*

### **Activities**

- Fundamental research in the area of metallic materials, design of novel in-situ experiments
- Experiments at 1ID, 8ID, 11ID, 26ID with my team at APS, previously PhD at the SLS using time-resolved micro-Laue diffraction
- Lead- or co-organizer of various symposia at both MRS, TMS, and APS meetings
- Co-lead of the annual middle-school summer camp for materials science at UIUC
- Member of the Condensed Matter Physics working group at the Advanced Photon Source (APS), charged to develop science cases for upgrading APS, May-July 2015

Given my long history of synchrotron experiments, and the frequent usage of the excellent facilities at APS, I find it more than natural to serve our user community and to make practical or strategic recommendations to the APS management that aim at improving user activities. I would be pleased represent the user community in the next years that will lead us towards the exciting APS upgrade.